Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-7 **(Cancelled)**

8. **(Original)** A terminal device, comprising:

a first interface configured to carry out at least a packet transmission with respect to a first network which is a radio network according to IEEE 802.11;

a second interface configured to carry out packet transmission and reception with respect to a second network which is a radio network slower than the first network; and

a control unit configured to carry out communications with another terminal through the second interface so as to carry out a prescribed procedure required in using the another terminal as a receiving side in the first network, and transmit a prescribed information to the first network on behalf of the another terminal, the prescribed information being an information required to be transmitted to the first network in order for the another terminal to receive packets through the first network, such that the another terminal can receive the packets through the first network.

9. **(Original)** The terminal device of claim 8, wherein the control unit also receives an interface address of an interface of the another terminal for carrying out a packet reception through the first network, from the another terminal through the second interface, and transmits the packets through the first interface towards the interface address received from the another terminal.

10. **(Original)** The terminal device of claim 8, wherein the control unit also receives an authentication/admission request with respect to the first network from the another terminal through the second interface, and carries out an authentication/admission processing with respect to the first network through the first interface on behalf of the another terminal, according to the authentication/admission request received from the another terminal.

11. **(Original)** The terminal device of claim 8, wherein the control unit also receives a packet transmission request with respect to the first network from the another terminal through the second interface, and transmits the packets through the first interface according to the packet transmission request received from the another terminal.

12. **(Original)** The terminal device of claim 11, wherein the control unit also transmits another packet transmission request requesting packet transmission from a source terminal to own terminal through the first network, when the source terminal indicated in the packet transmission request received from the another terminal is not the own terminal, receives the packets transmitted from the source terminal through the first network according to the another packet transmission request, and transfers the packets to the another terminal through the first interface.

13. **(Original)** The terminal device of claim 8, wherein the control unit also receives a resource acquisition request with respect to the first network from the another terminal, and carries out a resource acquisition processing on the first network according to the resource acquisition request received from the another terminal.

14. **(Original)** The terminal device of claim 8, wherein the control unit also judges whether a packet received from the another terminal through the second interface contains a control information for the first network or not, and carries out a processing corresponding to the control information with respect to the first network when the packet received from the another terminal contains the control information.

15. **(Original)** The terminal device of claim 14, wherein the control unit also stores a correspondence between a first interface address and a second interface address of each terminal existing on the first network, the first interface address being an address of an interface of each terminal for carrying out a packet reception through the first network and the second interface address being an address of an interface of each terminal for carrying out packet transmission and reception through the second network, and judges whether the packet received from the another terminal through the second interface contains the control

information for the first network or not according to whether an interface address of a source terminal specified in the packet received from the another terminal coincides with any of first interface addresses stored therein.

16. **(Original)** The terminal device of claim 8, wherein the control unit also transmits an acknowledge packet to be transmitted to the first network when the another terminal received the packets through the first network, on behalf of the another terminal.

17. **(Original)** The terminal device of claim 16, wherein the control unit also stores a correspondence between a first interface address and a second interface address of each terminal existing on the first network, the first interface address being an address of an interface of each terminal for carrying out a packet reception through the first network and the second interface address being an address of an interface of each terminal for carrying out packet transmission and reception through the second network, and determines whether or not to transmit the acknowledge packet according to correspondences stored therein.

18. **(Original)** The terminal device of claim 8, wherein the control unit also stores a correspondence between a first interface address and a second interface address of the another terminal, the first interface address being an address of an interface of the another terminal for carrying out a packet reception through the first network and the second interface address being an address of an interface of the another terminal for carrying out packet transmission and reception through the second network.

19. **(Original)** The terminal device of claim 8, further comprising;

a third interface configured to carry out packet transmission and reception with respect to a third network different from the first and second networks;

wherein the control unit also sets up a packet transfer route between the first interface and the third interface within own terminal according to a prescribed control information received from the another terminal through the second interface.

20. **(Original)** The terminal device of claim 19, wherein the control unit also judges whether other packets received through the third interface should be relayed to the first interface or to the second interface, according to whether the packet transfer route within the own terminal is already set up or not.

21. **(Original)** A terminal device, comprising:

a first interface configured to carry out at least a packet reception with respect to a first network which is a radio network according to IEEE 802.11;

a second interface configured to carry out packet transmission and reception with respect to a second network which is a radio network slower than the first network; and

a control unit configured to carry out communications with another terminal through the second interface so as to carry out a prescribed procedure required in using own terminal as a receiving side in the first network, such that the another terminal transmits a prescribed information to the first network on behalf of the own terminal, the prescribed information being an information required to be transmitted to the first network in order for the own terminal to receive packets through the first network, and receive the packets through the first network.

22. **(Original)** The terminal device of claim 21, wherein the control unit notifies an interface address of the first interface to the another terminal through the second interface.

23. **(Original)** The terminal device of claim 21, wherein the control unit transmits an authentication/admission request with respect to the first network to the another terminal through the second interface, and exchanges information necessary in carrying out an authentication/admission processing according to the authentication/admission request with the another terminal through the second interface.

24. **(Original)** The terminal device of claim 21, wherein the control unit also attaches an information indicating that a control information for the first network is contained or not, to a packet to be transmitted through the second interface.

Claim 25 **(Cancelled)**

26. **(Original)** A terminal device for carrying out a data transfer with respect to a first terminal through a first network, under a control of a second terminal, the first terminal having only a reception function with respect to the first network and transmission and reception functions with respect to a second network, the first network being a radio network according to IEEE 802.11 and the second network being a radio network slower than the first network, the second terminal being connected to the second network and a third network different from the first and second networks and having transmission and reception functions with respect to the second and third networks, the terminal device comprising:

a first interface configured to carry out at least a packet transmission with respect to the first network;

a second interface configured to carry out packet transmission and reception with respect to the third network; and

a control unit configured to receive a control information transferred from the second terminal through the third network, and transfer packets received from a third device provided on the third network, to the first terminal through the first network according to the control information.

27. **(Original)** The terminal device of claim 26, wherein the control unit also notifies an interface address of the third interface to the first terminal through the first network.

28. **(Original)** The terminal device of claim 27, wherein the control unit notifies the interface address by broadcasting the interface address through the first network.

29. **(Original)** A terminal device for controlling a data transfer with respect to a first terminal through a first network from a second terminal, the first terminal having only a reception function with respect to the first network and transmission and reception functions with respect to a second network, the first network being a radio network according to IEEE 802.11 and the second network being a radio network slower than the first network, the second terminal being connected to the first network and a third network different from the

first and second networks and having at least a transmission function with respect to the first network and transmission and reception functions with respect to the third network, the terminal device comprising:

a first interface configured to carry out packet transmission and reception with respect to the second network;

a second interface configured to carry out packet transmission and reception with respect to the third network; and

a control unit configured to carry out communications with the first terminal through the first interface and communications with the second terminal through the second interface, so as to carry out a prescribed procedure required in using the first terminal as a receiving side in the first network, carry out another prescribed procedure required in relaying packets transferred from a third device provided on the third network towards the first terminal at the second terminal by transferring a control information received from the first terminal through the first network to the second terminal through the third network, and transfer the packet transmission request received from the first terminal through the second network to the third device through the third network.

30. **(Original)** The terminal device of claim 29, wherein the control unit also receive an interface address of an interface of the second terminal for carrying out a packet transmission with respect to the first network, from the first terminal through the second network, checks whether the interface address received from the first terminal exists on the third network or not, and returns a response indicating a result of checking to the first terminal through the second network.

31. **(Original)** The terminal device of claim 30, wherein the control unit also transfers a packet with the interface address specified therein received from the first terminal through the second network, towards the interface address through the third network.

32. **(Original)** A terminal device for receiving a data transfer through a first network from a first terminal by utilizing a second terminal through a second network, the first network being a radio network according to IEEE 802.11 and the second network being a

radio network slower than the first network, the first terminal being connected to the first network and a third network different from the first and second networks and having at least a transmission function with respect to the first network and transmission and reception functions with respect to the third network, and the second terminal being connected to the second network and the third network and having transmission and reception functions with respect to the second and third networks, the terminal device comprising:

a first interface configured to carry out at least a packet reception with respect to a first network which is a radio network according to IEEE 802.11;

a second interface configured to carry out packet transmission and reception with respect to a second network which is a radio network slower than the first network; and

a control unit configured to carry out communications with the second terminal through the second interface so as to carry out a prescribed procedure required in using own terminal as a receiving side in the first network, transmit a packet transmission request with respect to a third device provided on the third network to the second terminal through the second network, and receive packets transmitted from the third device in response to the packet transmission request and relayed by the first terminal through the first network.

33. **(Original)** The terminal device of claim 32, wherein the control device also receives an interface address of an interface of the first terminal for carrying out packet transmission and reception with respect to the third network, from the first terminal through the first network, and notifies the interface address to the second terminal through the second network.

34. **(Original)** The terminal device of claim 33, wherein the control unit also transmits a packet with the interface address specified therein to the second terminal through the second network.

Claims 35-36 **(Cancelled)**